L Number	Hits	Search Text	DB	Time stamp
1	56482	(reconfigur\$4 or switch\$4 or rerout\$4 or	USPAT;	2003/09/04
		re-rout\$4 or re-configur\$4) with internal\$4	US-PGPUB;	14:12
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
2	9491	((reconfigur\$4 or switch\$4 or rerout\$4 or	USPAT;	2003/09/04
		re-rout\$4 or re-configur\$4) with internal\$4 )	US-PGPUB;	13:17
		with external\$4	EPO; JPO;	
			DERWENT:	
			IBM_TDB	
3	8476	external\$4 adj interface	USPAT;	2003/09/04
			US-PGPUB;	13:18
			EPO; JPO;	13113
			DERWENT;	
			IBM_TDB	
4	1782	internal\$4 adj interface	USPAT;	2003/09/04
•		mediate aug mediae	US-PGPUB;	13:18
			EPO; JPO;	13.16
			DERWENT;	
			IBM_TDB	
5	51	(((reconfigur\$4 or switch\$4 or rerout\$4 or	USPAT;	2003/09/04
		re-rout\$4 or re-configur\$4) with internal\$4)	1	
		with external\$4) with (external\$4 adj	US-PGPUB;	13:18
		interface)	EPO; JPO;	
		Interrace)	DERWENT;	
6	13	((((reconfigur\$4 or switch\$4 or rerout\$4 or	IBM_TDB	0000/00/04
•	13		USPAT;	2003/09/04
		re-rout\$4 or re-configur\$4) with internal\$4)	US-PGPUB;	13:19
		with external\$4) with (external\$4 adj	EPO; JPO;	
		interface)) with (internal\$4 adj interface)	DERWENT;	
-	007000	4	IBM_TDB	
7	827206	(media adj independent ad interface) or MII	USPAT;	2003/09/04
			US-PGPUB;	13:19
			EPO; JPO;	
			DERWENT;	
_			IBM_TDB	
В	79904	(physical adj layer adj device) or PHY	USPAT;	2003/09/04
			US-PGPUB;	13:21
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
10	1	((((((reconfigur\$4 or switch\$4 or rerout\$4 or	USPAT;	2003/09/04
		re-rout\$4 or re-configur\$4) with internal\$4 )	US-PGPUB;	13:21
		with external\$4) with (external\$4 adj	EPO; JPO;	
		interface)) with (internal\$4 adj interface))	DERWENT;	
		and ((media adj independent ad interface) or	IBM_TDB	
		MII)) and ((physical adj layer adj device) or		
	j	PHY)		

9	13	(((((reconfigur\$4 or switch\$4 or rerout\$4 or	USPAT;	2003/09/04
		re-rout\$4 or re-configur\$4) with internal\$4 )	US-PGPUB;	13:36
		with external\$4) with (external\$4 adj	EPO; JPO;	
		interface)) with (internal\$4 adj interface))	DERWENT;	
		and ((media adj independent ad interface) or MII)	IBM_TDB	
12	0	(normal\$4 adj internal\$4 adj connect\$4)	USPAT;	2003/09/04
		with (((((reconfigur\$4 or switch\$4 or	US-PGPUB;	13:40
		rerout\$4 or re-rout\$4 or re-configur\$4) with	EPO; JPO;	
		internal\$4 ) with external\$4) with	DERWENT;	
		(external\$4 adj interface)) with (internal\$4 adj interface))	IBM_TDB	
13	0	(normal\$4 adj internal\$4 adj connect\$4)	USPAT;	2003/09/04
		with (external\$4 adj interface)	US-PGPUB;	13:40
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
14	0	(normal\$4 adj internal\$4 adj connect\$4) and	USPAT;	2003/09/04
		(external\$4 adj interface)	US-PGPUB;	13:40
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
11	6	normal\$4 adj internal\$4 adj connect\$4	USPAT;	2003/09/04
			US-PGPUB;	13:43
			EPO; JPO;	
			DERWENT;	
45	05507		IBM_TDB	
15	25507	(media adj access adj controller) or MAC	USPAT;	2003/09/04
			US-PGPUB;	13:44
			EPO; JPO; DERWENT;	
			IBM_TDB	
16	28007	(((reconfigur\$4 or switch\$4 or rerout\$4 or	USPAT;	2003/09/04
-		re-rout\$4 or re-configur\$4) with internal\$4)	US-PGPUB;	13:45
		with external\$4) same ((media adj	EPO; JPO;	
		independent ad interface) or MII) sam	DERWENT;	
		((physical adj layer adj device) or PHY)	IBM_TDB	
		same ((media adj access adj controller) or		
		MAC)		
17	0	(((reconfigur\$4 or switch\$4 or rerout\$4 or	USPAT;	2003/09/04
		re-rout\$4 or re-configur\$4) with internal\$4 )	US-PGPUB;	13:45
		with external\$4) same ((media adj	EPO; JPO;	
		independent ad interface) or MII) same	DERWENT;	
		((physical adj layer adj device) or PHY)	IBM_TDB	
		same ((media adj access adj controller) or MAC)		
18	61	(((reconfigur\$4 or switch\$4 or rerout\$4 or	USPAT;	2003/09/04
		re-rout\$4 or re-configur\$4) with internal\$4 )	US-PGPUB;	13:46
		with external\$4) and ((media adj	EPO; JPO;	
		independent ad interface) or MII) and	DERWENT;	
		((physical adj layer adj device) or PHY) and	IBM_TDB	
		((media adj access adj controller) or MAC)		

			1	
19	20777	(peripheral adj component adj interconnect) or PCI	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/09/04 13:46
20	49	((((reconfigur\$4 or switch\$4 or rerout\$4 or re-rout\$4 or re-configur\$4) with internal\$4) with external\$4) and ((media adjindependent ad interface) or MII) and ((physical adj layer adj device) or PHY) and ((media adj access adj controller) or MAC)) AND ((peripheral adj component adjinterconnect) or PCI)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 13:54
21	3416	(714/?).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 13:54
22	2951	(710/?).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 13:54
23	665	(712/?).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 13:54
24	6953	((714/?).CCLS.) OR ((710/?).CCLS.) OR ((712/?).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 13:55
25	3	(((reconfigur\$4 or switch\$4 or rerout\$4 or re-rout\$4 or re-configur\$4) with internal\$4 ) with external\$4 AND (external\$4 adj interface) AND (internal\$4 adj interface) AND ((media adj access adj controller) or MAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 13:55
26	0	((((reconfigur\$4 or switch\$4 or rerout\$4 or re-rout\$4 or re-configur\$4) with internal\$4 ) with external\$4) AND (external\$4 adj interface) AND (internal\$4 adj interface) AND ((media adj access adj controller) or MAC)) AND (((714/?).CCLS.) OR ((710/?).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 13:55
27	0	(((714/?).CCLS.) OR ((710/?).CCLS.) OR ((712/?).CCLS.)) AND (((reconfigur\$4 or switch\$4 or rerout\$4 or re-rout\$4 or re-configur\$4) with internal\$4 ) with external\$4) AND (external\$4 adj interface) AND ((media adj access adj controller) or MAC) AND ((peripheral adj component adj interconnect) or PCI)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 13:55

29	0	((reconfigur\$4 or switch\$4 or rerout\$4 or re-rout\$4 or re-configur\$4) with (external\$4	USPAT; US-PGPUB:	2003/09/04 14:03
		adj interface) with (internal\$4 adj interface))	EPO; JPO;	14.00
		and ((media adj access adj controller) or	DERWENT:	
		MAC) and ((peripheral adj component adj interconnect) or PCI)	IBM_TDB	
28	14	(reconfigur\$4 or switch\$4 or rerout\$4 or	USPAT:	2003/09/04
		re-rout\$4 or re-configur\$4) with (external\$4	US-PGPUB;	14:09
		adj interface) with (internal\$4 adj interface)	EPO; JPO;	
		,,	DERWENT:	
			IBM TDB	
30	3	(reconfigur\$4 or rerout\$4 or re-rout\$4 or	USPAT:	2003/09/04
		re-configur\$4) with (external\$4 adj	US-PGPUB;	14:11
		interface) with (internal\$4 adj interface)	EPO; JPO;	
			DERWENT:	
			IBM_TDB	
31	3	(reconfigur\$4 or rerout\$4 or re-rout\$4 or	USPAT;	2003/09/04
		re-configur\$4) same (external\$4 adj	US-PGPUB;	14:11
		interface) same (internal\$4 adj interface)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
32	4	(reconfigur\$4 or rerout\$4 or re-rout\$4 or	USPAT;	2003/09/04
		re-configur\$4) with internal\$4 with	US-PGPUB;	14:12
		(external\$4 adj interface)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	

US-PAT-NO:

6389379

DOCUMENT-IDENTIFIER:

US 6389379 B1

TITLE:

Converification system and method

----- KWIC -----

Claims Text - CLTX (6):

control logic coupled to the  $\underline{internal}$  bus system for controlling the delivery of data among the  $\underline{reconfigurable}$  hardware logic, the computing system,

and the external interface.

Claims Text - CLTX (9):

data-in pointer logic coupled to the <u>internal</u> bus system for generating

selective pointer signals to a data-in latch logic, the generation of selective

pointer signals based on whether the data is arriving from the computing system

or the **external interface** and the particular **internal** nodes in the **reconfigurable** hardware logic selected to be driven, and

Claims Text - CLTX (15):

data-out pointer logic coupled to the  $\underline{\textbf{internal}}$  bus system for generating

selective pointer signals to a data-out gating logic, the generation of selective pointer signals based on whether the data is destined for the computing system or the <a href="mailto:external interface">external interface</a> and the particular <a href="mailto:internal">internal</a> nodes in

the reconfigurable hardware logic selected to be driven, and

US-PAT-NO:

4870678

DOCUMENT-IDENTIFIER:

US 4870678 A

TITLE:

Store and forward switching type communication

control

apparatus

----- KWIC -----

Brief Summary Text - BSTX (6):

In the direct communication mode, the store and forward <a href="mailto:switching">switching</a>
type

communication control apparatus carries out a sequence of operation, including

the steps of (1) off-hook from a telephone unit or a facsimile machine connected to one of the internal lines; (2) apprising of the off-hook status to

a control unit through an interface of the internal line; (3) securing of

resources of the internal line interface by the control unit; (4) designating a

connection between the internal line interface and a DT (dial tone) sound

source from the control unit to a **switching** unit; (5) inputting (designation of

operation and the telephone number of the destination station) by dialing (dial

pulse signal (DP) or push button signal (PB)) from the internal line side; (6)

designating a release of connection between the internal line interface and the  $% \left( 1\right) =\left( 1\right) +\left( 1\right) +\left($ 

DT sound source from the control unit to the  $\underline{switching}$  unit; (7) securing of an

external line interface; (8) instructing the <u>external interface</u> to place a call

to the destination station; (9) designating a connection between the internal

interface and the external interface from the control unit to the
switching

unit; (10) initiation of facsimile communication (or aural communication); (11)

off-hook from the internal line side; (12) apprising of the off-hook status to

the control unit from the internal interface; and (13) releasing of the resources (disconnecting the switching unit from the internal and external

interfaces).